

AMENDMENTS TO THE CLAIMS

1. (previously presented) An ink jet recording element comprising a support selected from a group consisting of a subbed polymeric type support, a canvas support, polypropylene-coated paper, polyethylene-coated paper and polyethylene paper and an ink receiving layer wherein said ink receiving layer comprises (a) a pigment, (b) a hydrolyzed copolymer of vinylacetate and silane monomer, and (c) a film-forming polymer having a glass transition temperature T_g lower than 50°C.
2. (Original) An ink jet recording element according to claim 1 wherein said pigment is a porous inorganic pigment.
3. (Original) An ink jet recording element according to claim 2 wherein said porous inorganic pigment is a silica.
4. (previously presented) An ink jet recording element according to claim 3 wherein said silica is an amorphous silica having an average particle size between 1 μm and 15 μm .

5. (previously presented) An ink jet recording element according to claim 1 wherein said copolymer of vinylacetate and silane monomer has a silanol modification degree between 0.1% and 10% and a viscosity of between 1 and 25 mPa.s measured as a 4% aqueous solution.

6. (Original) An ink jet recording element according to claim 1 wherein said film-forming polymer having a T_g lower than 50 °C is a latex.

7. (Original) An ink jet recording element according to claim 6 wherein said latex is a copoly(styrene-butadiene) latex.

8. (Original) An ink jet recording element according to claim 6 wherein said latex is an acrylate latex.

9. (previously presented) An ink jet recording element according to claim 1 wherein said ink receiving layer further comprises a cationic mordant.

10. (previously presented) An ink jet recording element according to claim 9 wherein said cationic mordant is a

poly(diallyldimethylammonium chloride) or a dimethylamine-epichlorohydrine copolymer.

11. (Original) An ink jet recording element according to claim 1 wherein said element further comprises an adhesive undercoat layer containing an adhesive polymer between said support and said ink receiving layer.
12. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is a copoly(styrene-butadiene) latex.
13. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is an acrylate latex.
14. (Original) An ink jet recording element according to claim 13 wherein said acrylate latex is ethylacrylate-hydroxyethylmethacrylate copolymer.
15. (Original) An ink jet recording element according to claim 11 wherein said adhesive polymer is a vinylester latex.
16. (Original) An ink jet recording element according to claim 1 wherein said support is an opaque support.

17. (previously presented) An ink jet recording element

according to claim 1 wherein said silane monomer is selected from a group consisting of vinyltrimethoxysilane, methacroyloxypropyl trimethoxysilane, triisopropoxyvinylsilane, and methacrylamidopropyl triethoxysilane.

18. (previously presented) An ink jet recording element

comprising a support and an ink receiving layer wherein said ink receiving layer comprises (a) a pigment, (b) a polyvinylacetate modified by reaction with one of β -3,4-epoxycyclohexylethyletriethoxysilane, γ -glycidyloxypropyl trimethoxysilane or isocyanatopropyl triethoxysilane, and (c) a film-forming polymer having a glass transition temperature T_g lower than 50°C.

19. (previously presented) An ink jet recording element

comprising a support selected from a group consisting of a subbed polymeric type support, a canvas support, polypropylene-coated paper, polyethylene-coated paper and polyethylene paper and an ink receiving layer wherein said ink receiving layer comprises (a) amorphous silica having an average particle size between 1 μm and 15 μm ,

(b) a hydrolyzed copolymer of vinylacetate and silane monomer, (c) a copoly(styrene-butadiene) latex having a glass transition temperature T_g lower than 50°C; and (d) dimethylamine-epichlorohydrine copolymer.